

SYSTEM AND METHOD FOR REDUCING POWER USAGE OF A DEVICE**Abstract of the Disclosure**

According to one embodiment of the present invention, a method of reducing power use
5 in a device capable of operating at two or more power levels includes selecting a range of power
management timer settings for a first power management timer. The first power management
timer is for switching the device from a first power level to a second power level. In the second
power level portions of the device are de-energized. An estimated energy value to complete a
series of tasks is calculated for each of a plurality of settings within the range of power
10 management timer settings. A power management timer setting is selected from the range of
power management timer settings based on the estimated energy value to complete a series of
tasks for each of the plurality of settings within the range of settings.